Filtration Group®
Industrial

EFFICIENT TECHNOLOGY AGAINST DANGEROUS CONTAMINATED AIR

LGA Aerosol Separators for cleaning cooling lubricant mist

FG - LGA 601 FUW AND LGA 1201 FUW

- Excellent separation efficiency even at high raw gas concentration up to 2000 mg/m³
- Low maintenance requirements, long service life
- Easy and quick replacement of the filter element

LGA Aerosol Separator 601 FUW

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A PERFECT EXAMPLE OF STRENGTH AND ENDURANCE

OIL AEROSOL SEPARATORS OF THE LGA- SERIES
pay off quickly because they are extremely efficient, achieve top results over the long term even in continuous operation and rarely require maintenance. The coalescence separation process used in Filtration Group's LGA systems guarantees separation efficiencies of 99 % for particles larger than 0.5 µm in diameter and even 100 percent for particles larger than 0.7 µm in diameter. This not only ensures safe compliance with all limit values of the Federal Emission and Occupational Health and Safety Acts, but also highly contributes to operational safety.

In order to ensure a constant extraction performance, the LGA units are equipped with a flow sensor and a frequency controlled motor, this also ensures an energy-efficient operation. When the extraction power is reduced, the machine tool receives an electrical signal for upcoming maintenance. The modular design allows all LGA devices to be individually adapted to the respective space conditions. All connections are already prepared for installation on the respective machine upon delivery. Filter systems of the LGA series are particularly suitable for applications with high raw gas concentrations.

LGA 601 FUW

- Operating volume flow: 600 m^3 / h
- Dimensions (L x W x H): 930 x 555 x 875 mm
- Sound pressure level (at 1 m distance): < 69 dB (A)
- Processing area of the machine tool up to 3m^3

LGA 1201 FUW

- Operating volume flow: 1,200 m^3 / h
- Dimensions (L x W x H): 1,155 x 640 x 1,040 mm
- Sound pressure level (at 1 m distance): < 72 dB (A)
- Processing area of the machine tool up to 6m^3

* Prices not discountable

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